What is claimed is:

1.   An environment services architecture for a netcentric computing system, comprising:

runtime services for converting non-compiled computer languages into machine code during the execution of an application on said netcentric computing system;

system services for performing system-level functions that may be selected from the group consisting of system security services, profile management services, task and memory management services and environment verification services;

application services for performing common functions in said netcentric computing system, wherein said common functions may be selected from the group consisting of application security services, error handling/logging services, state management services, code table services, active help services, application integration services and common services;

a component framework service for providing components of said netcentric computing system with a standard infrastructure for allowing an application running on components to communicate within and across applications in said netcentric computing system; and

operating system services for providing said netcentric computing system with underlying basic computing services.

2.   The environment services architecture of claim 1, wherein said runtime services include language interpreter services and virtual machine services.

3.   The environment services architecture of claim 2, wherein said language interpreter services decompose a scripting language into machine code at runtime.

4.   The environment services architecture of claim 2, wherein said virtual machine services include at least one virtual machine.

5.   The environment services architecture of claim 1, wherein said system security services provide applications with the ability to interact with native security mechanisms that are used by an operating system on said netcentric computing system.

6.   The environment services architecture of claim 1, wherein said profile management services are used to access and update a plurality of user or application profiles.

7.   The environment services architecture of claim 1, wherein said environment verification services monitor, identify and validate application integrity before said application is executed on said netcentric computing system.

8.   The environment services architecture of claim 1, wherein said task and memory management services allow applications or events to control individual computing tasks or processes and manage memory resources in said netcentric computing system.

9.   The environment services architecture of claim 1, wherein said application security services may be selected from the group consisting of user access services, data access services and function access services.

10.   The environment services architecture of claim 1, wherein said error handling/logging services present users of said netcentric computing system with an explanation of errors and logs error events in a database.

11.   The environment services architecture of claim 1, wherein said state management services enable information to be shared between windows, web pages and applications in said netcentric computing system.

12.   The environment services architecture of claim 1, wherein said codes table services enables applications or a client to use externally stored parameters and validation rules on said netcentric computing system.

13.   The environment services architecture of claim 1, wherein said active help services enable applications to provide assistance to a user or a client for a specific task in said netcentric computing system.

14.   The environment services architecture of claim 1, wherein file services enable applications to use, manage and write to files that are located in said netcentric computing system.

15. The environment services architecture of claim 1, wherein said application integration interface services provide a gateway for passing context and control of information to an external application.

5   16. The environment services architecture of claim 1, wherein said common services provide a plurality of reusable routines that may be used across a set of applications in said netcentric computing systems.

17. A method of providing an environment services architecture for a netcentric
10   computing system, comprising the steps of:

converting non-compiled computer languages into machine code during the execution of an application on said netcentric computing system with at least one runtime service located on a client and a server;

performing system-level functions on said netcentric computing system with
15   at least one system service located on said client and said server, wherein said system services may be selected from the group consisting of system security services, profile management services, task and memory management services and environment verification;

performing common functions in said netcentric computing system with at
20   least one common service located on said client and said server, wherein said common services may be selected from the group consisting of application security services, error handling/logging services, state management services, code table services, active help services, application integration services and common services;

using component framework services located on said client and said server for
25   providing a standard infrastructure for components to communicate within and across applications in said netcentric computing system; and

providing basic computing system services to said client and said server with operating system services.

30   18. The method of claim 17, wherein said runtime services include language interpreter services and virtual machine services.

19. The method of claim 18, wherein said language interpreter services decompose a scripting language into machine code at runtime.

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20. The method of claim 18, wherein said virtual machine services include at least one virtual machine.

21. The method of claim 17, wherein said system security services provide applications with the ability to interact with native security mechanisms that are used by an operating system on said netcentric computing system.

22. The method of claim 17, wherein said profile management services are used to access and update a plurality of user or application profiles.

23. The method of claim 17, wherein said environment verification services monitor, identify and validate application integrity before an application is executed on said netcentric computing system.

24. The method of claim 17, wherein said task and memory management services allow applications or events to control individual computing tasks or processes and manage memory resources in said netcentric computing system.

25. The method of claim 17, wherein said application security services may be selected from the group consisting of user access services, data access services and function access services.

26. The method of claim 17, wherein said error handling/logging services present users of said netcentric computing system with an explanation of errors and logs error events in a database.

27. The method of claim 17, wherein said state management services enable information to be shared between windows, web pages and applications in said netcentric computing system.

28. The method of claim 17, wherein said codes table services enables applications or a client to use externally stored parameters and validation rules on said netcentric computing system.

29. The method of claim 17, wherein said active help services enable applications to provide assistance to a user or a client for a specific task in said netcentric computing system.
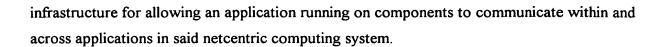
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30. The method of claim 17, wherein file services enable applications to use, manage and write to files that are located in said netcentric computing system.

5   31. The method of claim 17, wherein said application integration interface services provide a gateway for passing context and control of information to an external application.

32. The method of claim 17, wherein said common services provide a plurality of

10   reusable routines that may be used across a set of applications in said netcentric computing system.

33. An environment services architecture for a netcentric computing system, comprising:

15   at least one web server connected with a remote client;

         wherein said client and said web server include runtime services, system services, application services, a component framework service and operating system services.

20   34. The environment services architecture of claim 33, wherein said runtime services convert non-compiled computer languages into machine code during the execution of an application on said netcentric computing system.

35. The environment services architecture of claim 33, wherein said system

25   services perform system-level functions that may be selected from the group consisting of system security services, profile management services, task and memory management services and environment verification services on said netcentric computing system.

36. The environment services architecture of claim 33, wherein said application

30   services perform common functions in said netcentric computing system, wherein said common functions may be selected from the group consisting of application security services, error handling/logging services, state management services, code table services, active help services, application integration services and common services.

35   37. The environment services architecture of claim 33, wherein said component framework service provides components of said netcentric computing system with a standard

infrastructure for allowing an application running on components to communicate within and across applications in said netcentric computing system.

38. The environment services architecture of claim 33, wherein said operating system services provide said netcentric computing system with underlying basic computing services.